

**ASCLD/LAB-International**

**STATEMENT OF QUALIFICATIONS**

<b>Name</b>	Charles Foster	<b>Date</b>	March 6, 2014
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<b>Laboratory</b>	State of Alaska Scientific Crime Detection Laboratory
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<b>Job Title</b>	Forensic Scientist III
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**Indicate all disciplines in which you do casework:**

<input checked="" type="checkbox"/>	<b>Drug Chemistry</b>	<input checked="" type="checkbox"/>	<b>Toxicology</b>
<input type="checkbox"/>	<b>Firearms/Toolmarks</b>	<input type="checkbox"/>	<b>Biology</b>
<input type="checkbox"/>	<b>Trace Evidence</b>	<input type="checkbox"/>	<b>Questioned Documents</b>
<input type="checkbox"/>	<b>Latent Prints</b>	<input type="checkbox"/>	<b>Crime Scene</b>
<input type="checkbox"/>	<b>Digital &amp; Multimedia Evidence</b>		

**List all category(ies) of testing in which you do casework:**

Controlled Substances Analysis, Breath, Blood, and Beverage Alcohol Analysis
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**Breath Alcohol Calibration Categories**

<input checked="" type="checkbox"/>	<b>Toxicology</b> - Breath Alcohol Measuring Instruments (The work of the laboratory MUST include calibration certificates- do not check the box if work is limited to breath/alcohol testing)
<input type="checkbox"/>	<b>Toxicology</b> - Breath Alcohol Calibration Reference Material

**Education:** List all higher academic institutions attended (list high school only if no college degree has been attained)

Institution	Dates Attended	Major	Degree Completed
University of Alaska	1996-2000	Chemistry	B.S.
Michigan State University	2000-2002	Forensic Science/Chemistry	2 years graduate study
University of Florida	2005-2008	Forensic Toxicology	M.S.

**Other Training:** List continuing education, workshops, in-service and other formal training received. Please include the course title, source and date of the training.

2014	American Academy of Forensic Sciences (AAFS) 66 <sup>th</sup> Annual Scientific Meeting
2014	Novel Psychoactive Substances (NPS): Pharmacology, Toxicology, Psychiatry, and Case Reports, AAFS Meeting
2014	Designer Drug Detection in Forensic Toxicology: From Basics to Brilliant!, AAFS Meeting
2012	International Association for Chemical Testing Conference
2012	Measurement Confidence, International Association for Chemical Testing Conference
2011	LC-MS: Tips, Troubleshooting and Techniques, Joint Meeting of SOFT & TIAFT
2011	Pairing Clinical & Postmortem Toxicology Findings for Interpretation Purposes, Joint Meeting of SOFT & TIAFT
2011	New Developments in the Application of Capillary Electrophoresis, Joint Meeting of SOFT & TIAFT
2011	ICP-MS for Metals and Elements Testing in Toxicology, Joint Meeting of SOFT & TIAFT
2011	DataMaster DMT Factory Training, National Patent Analytical Systems, Inc.
2011	The Robert F. Borkenstein Course on Alcohol and Highway Safety: Testing, Research and Litigation
2010	DataMaster DMT Theory of Operation, Supervisory Functions, and Maintenance and Repair,

	National Patent Analytical Systems, Inc.
2010	Breath Test Supervisor School, Alaska Scientific Crime Detection Laboratory
2008	Climate and Air Quality: Applications for Air Quality Professionals, EPA Office of Air Quality Planning and Standards
2007	ASCLD/LAB International Preparation Course
2006	Techniques of Ion Trap GC/MS, Varian, Inc.
2006	Toxi-Lab® Training by Varian, Inc
2005	Practical Chromatography Techniques Applied to Solid Phase Extraction, Varian, Inc. Presented by Jerry P. Roach
2005	Analysis of Samples from Clandestine Methamphetamine Laboratories at AAFS Annual Meeting
2005	Practical Chromatographic Mechanisms Applied to Solid Phase Extraction at AAFS Annual Meeting
2004	Basic Fire Debris Analysis School
2003	DEA Forensic Chemists Seminar
2002	Fall meeting of the Southern Association of Forensic Scientists: Forensic Expert Witness Training in a Daubert Environment Workshop
2002	Narcotic Identification Class presented by ODV, Inc.

**Courtroom Experience:** List the discipline/category(ies) of testing in which you have qualified to testify as an expert witness and indicate over what period of time and approximately how many times you have testified in each.

Controlled Substances (State of Florida)- 27 times
DUI Toxicology (Ethanol and/or controlled substances, blood and/or urine) (State of Florida) - 17 times
Blood Alcohol (State of Alaska) - 8 times
Beverage Alcohol (State of Alaska) - 3 times
Breath Alcohol (State of Alaska) - 15 times
Blood & Breath Alcohol (State of Alaska) - 6 times

**Professional Affiliations:** List any professional organizations of which you are or have been a member. Indicate any offices or other positions held and the date(s) of these activities.

Permit to Conduct Blood Alcohol Analysis, Florida Department of Law Enforcement 2006 - 2008
Fellow of the American Board of Criminalistics (Drug Chemistry) 2006 - 2008
Certificate in Forensic Toxicology, University of Florida 2006
Associate Member of the American Academy of Forensic Sciences 2004 - 2008

**Employment History:** List all scientific or technical positions held, particularly those related to forensic science. List current position first. Be sure to indicate employer and give a brief summary of principal duties and tenure in each position.

<b>Job Title</b>	Forensic Scientist III	<b>Tenure</b>	09/2010 - Present
<b>Employer</b>	State of Alaska Scientific Crime Detection Laboratory		
Provide a brief description of principal duties:			
Perform quantitative analyses on blood and beverage samples for ethanol. Certify, calibrate, and perform other maintenance activities on evidentiary breath alcohol instruments. Instruct law enforcement personnel breath alcohol certification courses. Perform qualitative analyses on suspected controlled substances. Testify in court as an expert witness on laboratory results, policies, and procedures.			

<b>Job Title</b>	Air Quality Technician	<b>Tenure</b>	09/2008 - 09/2010
<b>Employer</b>	Fairbanks North Star Borough		
Provide a brief description of principal duties:			
Installation and retrieval of PM2.5 field samples. Data retrieval, quality control checks, and periodic maintenance of air quality instrumentation. Field installation of newly acquired air quality instrumentation. Reviewed EPA quality control documentation to ensure laboratory compliance.			

<b>Job Title</b>	Forensic Toxicologist I & II	<b>Tenure</b>	10/2005 - 07/2008
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<b>Employer</b>	Pinellas County Forensic Laboratory
Provide a brief description of principal duties:	
Performed qualitative and quantitative analyses on post mortem and human performance biological samples. Testified in court as an expert witness on laboratory results, policies, and procedures. Oversaw toxicology case analyses and routed/ordered tests as needed. Served as Instrument Coordinator. Assisted in the evaluation and validation of new procedures for possible implementation. Assisted in training and acted as mentor for new and current employees and interns.	

<b>Job Title</b>	Forensic Chemist I & II	<b>Tenure</b>	05/2002 - 07/2008
<b>Employer</b>	Pinellas County Forensic Laboratory		
Provide a brief description of principal duties:			
Performed routine and complex analysis on suspected controlled substances. Testified in court as an expert witness on laboratory results, policies, and procedures. Conducted peer review of casework. Provided forensic science presentations to the general public. Provided technical training and assistance to local law enforcement personnel. Served as Drug Standard Coordinator.			

<b>Job Title</b>	Teaching Assistant	<b>Tenure</b>	01/2000 - 12/2001
<b>Employer</b>	University of Alaska and Michigan State University		
Provide a brief description of principal duties:			
Supervised undergraduate laboratory courses in Honors General Chemistry, General Chemistry, Basic Inorganic Chemistry, and Quantitative Analysis. Prepared instruments and reagents for laboratory exercises. Graded work performed by students.			

**Other Qualifications:** List below any scientific publication and/or presentation you have authored or co-authored, research in which you are or have been involved, academic or other teaching positions you have held, and any other information which you consider relevant to your qualification as a forensic scientist.  
(Use additional sheets if necessary.)

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